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SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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MARKET REVIEW

The March crop report of the Department's Crop Reporting Board indicates that, as of March 1, growers intended to plant 1,495,000 acres to sugarbeets for harvest in 1970. This would be about nine percent below last year's record high acreage. Based on average yields the 1970 planted acreage would yield about 25 million tons of sugarbeets compared with 28.5 million tons produced in 1969 and 25.4 million tons in 1968.

Soil moisture supplies were reported as adequate for planting in most producing areas. Outlook for irrigation supplies is good in most major producing areas. Fall planted beets in Arizona and in the Imperial Valley of California were reported in good condition with harvest expected to begin in early April. Planting of spring beets is just getting under way in the southeast area of Arizona.

The harvest of the 1969-70 crop of sugarcane in Florida is about complete with final reports of all but four of the processors already made. As of March 20, cane sugar production amounted to 515,586 tons compared with 543,000 tons produced last year when all mills had completed grinding. Total outturn this year is not expected to exceed 535,000 short tons, raw value.

Production of 1970 crop cane sugar in Hawaii totaled 119,447 tons, 96° basis, through March 14. As of that date last year, the Hawaiian sugar plantations were in the midst of a work stoppage so that data for the comparable period are not available. However, 1968 crop production through March 16 totaled 129,000 tons.

Cane sugar production in Puerto Rico totaled 211,000 tons through March 15 or about 59,000 tons more than as of the comparable date last year. The yield of sugar per ton of cane has averaged only 7.647 percent so far this year compared with 8.760 percent during the same part of last year. The reduced yield in 1970 is due principally to increased trash content of the cane. Part of the increased trash has resulted from rainy weather during harvesting and part to the scarcity of cane cutters and greater dependence on mechanical harvesters.

Sugar sales by primary distributors during 1970 continued at a brisk pace and resulted in some drawdown of stocks, as compared with last year. Through March 14, distribution amounted to 1,986,000 short tons, raw value, according to preliminary reports. This was 297,000 tons more than during the comparable period last year. This year's reported deliveries do not include constructive deliveries of about 50,000 tons of sugar sold and charged to quotas in December 1969 but actually delivered in January and February of 1970. The comparable figure a year ago was 217,000 tons.

Refined sugar deliveries by states during January 1970 were 18 percent above those of January 1969. Increases occurred in four of the five geographical regions. The West was up the most - 55 percent followed by the North Central region up 36 percent, the South up 13 percent and the New England region up 7 percent. Deliveries in the mid-Atlantic region in January were about 8 percent below those of January last year. These reported figures in most cases tend to exaggerate the real improvement since a smaller quantity of constructive deliveries were being absorbed by the market this January than last.

Individually, 40 states had increased deliveries as compared with last year; two states had about the same deliveries while eight states had less. Five states received over 100,000 hundredweight of sugar more in January of 1970 than in this month of 1969. They were California up 533,000 hundredweight, Illinois up 264,000, Ohio up 224,000, Michigan up 211,000 and Texas up 141,000 hundredweight. Of those states receiving less sugar only Pennsylvania was down more than 100,000 hundredweight.

Inventories of raw and refined sugar of all primary distributors as of February 28, 1970 totaled 2,792,000 short tons, raw value, according to preliminary reports. This was 354,000 tons less than on the same date last year and about 66,000 tons less than on January 31, 1970. Beet processors' stocks of 1,707,000 tons were 30,000 tons larger than a month earlier but 126,000 tons smaller than at the end of February last year. Cane sugar refiners' stocks of raw and refined sugar were reported as 674,000 tons on February 28, 1970, down 86,000 tons from a month earlier and down 148,000 tons from a year earlier.

During the period under review there have been few announced changes in the quoted wholesale prices in the several geographic regions for refined sugar sold in the basis pack. Two sellers in the Gulf region announced that until close of business March 31 consideration would be given to contracts for 100-pound bags of sugar for shipment or delivery through May 29, 1970 at 10.85 cents per pound. Most sellers in this region are currently quoting the basis pack at 10.90 cents per pound. In the Eastern beet, Chicago-west and Southwest regions, most sellers are quoting 100-pound paper bags at 10.85 cents per pound compared with 10.50 to 10.85 cents a month ago.

Shown below are the price quotations as of March 25, by regions, for refined sugar sold at wholesale in the basis pack -- 100-pound paper bags. Significant variations between actual and quoted prices may be found in certain regions reflecting competitive conditions peculiar to these regions.

	Cane	Beet
	Cents per pound in 100-pound paper bags	
Northeast	11.70	
Southeast	11.20	
Gulf	10.85/10.90	
Eastern beet		10.85
Chicago-west	10.85	10.85
Lower Pacific	10.50	10.50
Northwest Intermountain	10.50	10.50

The U. S. average retail price for refined sugar sold in 5-pound paper bags was 12.58 cents per pound in February, up from 12.54 cents in January and up from 12.20 cents during February 1969.

The price quotation for raw sugar duty paid and delivered to New York, as quoted on the New York Coffee and Sugar Exchange averaged 7.96 cents per pound during February, down from 8.11 cents during January 1970 and up from 7.69 cents in February 1969. The quotation was strong during January, starting 1970 at 8.00 cents per pound and rising to 8.18 cents during the period January-22-28. On January 29 the quotation dropped to 8.05 cents and continued to weaken during February reaching 7.90 cents on Feb. 18. On March 24, the price quotation was 7.90 cents per pound and for the period March 1-24 averaged 7.90 cents compared with 7.76 cents during the comparable period last year.

Deliveries of refined sugar to processors of food and other products during calendar year 1969 were down about one percent as compared with 1968 while deliveries of sugar for consumption in the homes and institutions declined about five percent. Three of the food processing groups received more sugar in 1969 than in 1968, four received less. Beverage manufacturers had the largest gain 3.7 percent followed by ice cream and dairy products, up 2.5 percent and non-food products up 0.5 percent. Multiple and unclassified food uses declined the most - 6.2 percent followed by confectionery and related products - down 4.4 percent, bakery, cereal and allied products down 3.7 percent and canners down 0.8 percent.

Deliveries to hotels, restaurants and institutions which accounted for less than one percent of the total 1969 deliveries of refined sugar increased 7.9 percent above calendar year 1968, while all other non-industrial type users declined. Wholesalers (about 21 percent of 1969 deliveries) declined the most 6.6 percent. Deliveries to retail grocers, chain stores and super-markets were down 2.5 percent and deliveries to all other types of non-industrial users were down 2.8 percent.

Primary distributors' direct deliveries of all sugar (packaged, bulk and liquid - both cane and beet) during calendar year 1969 declined about 2.2 percent as compared with 1968. Total deliveries of beet sugar which accounted for more than 30 percent of the 1969 total, increased 4.2 percent above 1968 while deliveries of cane sugar decreased almost five percent.

Deliveries of cane and beet sugar in consumer-size packages (less than 50 pounds) by primary distributors were 4.1 percent less in 1969 than in 1968. Deliveries were below those during 1968 in all of the regions except the West where they were 1.4 percent larger. Calendar year 1969 deliveries of cane sugar in consumer-size packages decreased in all regions as compared with 1968 while similarly packaged beet sugar declined in all areas except the New England.

Deliveries of liquid sugar, both cane and beet, by primary distributors during calendar year 1969 increased 4.5 percent as compared with calendar year 1968. Deliveries of liquid cane sugar which

accounted for about 80 percent of the total liquid sugar deliveries in 1969, increased about 3.2 percent above 1968 while deliveries of liquid beet sugar increased about ten percent.

Sales of dextrose by primary distributors during calendar year 1969 declined about one percent below those of calendar year 1968. Sales to industrial users declined 0.5 percent while sales to non-industrial users, which accounted for less than four percent of all reported dextrose sales in 1969 declined 11.3 percent. Three of the seven industrial type users received more dextrose in 1969 than in 1968. They were: beverage manufacturers up 4.8 percent, multiple and unclassified food uses up 4.5 percent and non-food uses up 5.4 percent. Reported sales were down to confectioners 16.5 percent, to bakers 1.4 percent, and to canners 0.5 percent while deliveries for use in ice cream and dairy products were about the same in 1969 as in 1968.

The World sugar price (contract No. 8 of the New York Coffee and Sugar Exchange) continues to show strength in 1970, following a similar pattern to that of last year. In 1969, the World spot quotation rose from an average of 2.95 cents per pound for January to 3.23 cents for February and to 3.70 cents for March. This year, the price averaged 3.12 cents per pound in January, 3.23 cents in February and since March 1 has fluctuated between 3.32 cents and 3.55 cents per pound. On March 24 the World spot quotation was 3.55 cents and for the period March 1-20 averaged 3.41 cents compared with 3.66 cents during this period of last year.

The International Sugar Organization on March 19, recognizing that the price had exceeded 3.25 cents for the required 17-day period, removed the ban on member importers accepting sugar from non-member exporters. The Council also on March 20 accepted the estimate of its statistical and executive committees that world market requirements in 1970 would total 8.632 million metric tons and that exports from non-members would amount to 1.33 million metric tons.

ADMINISTRATIVE ACTIONS

Date announced	Nature of action
March 3, 1970	Local producing areas in 20 states of the Domestic Beet Sugar area designated as eligible for abandonment and crop deficiency payments on the 1968 crop sugarbeets. (See March 7, 1970 Federal Register).
March 11, 1970	Announced revised processor allotments of the 1970 sugar quota for the Domestic Beet Sugar Area. These revised allotments replace the preliminary allotments which have been in effect since Jan. 1, 1970, but continue to restrict total allotments to 80 percent of the current 1970 area quota of 3,215,667 short tons, raw value. Allotments announced today are based on more up to date and significantly revised estimates of 1969 crop production and Jan. 1, 1970, inventories of sugar. (See March 18, 1970 Federal Register).
March 12, 1970	Announced that a public hearing will be held April 24, 1970, on fair and reasonable prices for the 1970 crop of Hawaiian sugarcane. The hearing will be in the Council Room of the Hawaii County Building, 25 Aupuni Street, Hilo, Hawaii, beginning at 9:00 a.m. To obtain complete information, USDA requests that all interested persons appear at the hearing to express their views and to submit data in regard to fair prices. (See March 19, 1970 Federal Register).

STATISTICAL SERIES IN THIS ISSUE

HIGHLIGHTS

1. February 1970 sugar deliveries for continental U. S. consumption 775,000 short tons, raw value, (preliminary) down about 40,000 tons from January 1970 and up 164,000 tons from February 1969. January-February 1970 deliveries 1,591,000 short tons, raw value, up 288,000 tons from January-February 1969. Final data for January 1970 deliveries 815,000 short tons, raw value - previously published preliminary as 831,000 tons.

2. Primary distributors' stocks February 28, 1970 were 2,792,000 short tons, raw value (preliminary), down 354,000 from a year ago, and down 66,000 tons from January 31, 1970. During February refiners' stocks decreased 86,000 tons, beet processors' stocks increased 30,000 tons, importers of direct consumption sugar stocks were about unchanged, mainland cane processors' stocks decreased 10,000 tons.

3. Charges to quotas January 1 to February 28,1970 were 1,987,807 short tons, raw value, leaving a balance of 8,812,193 tons to be supplied within the 10,800,000 ton total.

4. Regionally, January deliveries, 1970 as compared to 1969 were up in four of the five regions: Increases -- the West 54.7 percent, North Central 35.7 percent, the South 13.2 percent and New England, 7.1 percent -- Decrease -- mid-Atlantic region 7.9 percent.

Table 1. - Sugar supply and disposition by primary distributors, January 1970

(Short tons, raw value)

Item	Beet processors	Importers	Mainland cane processors 1/	Refiners: Raw	Refiners: Refined	Net total
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. Inventory Jan. 1,1970	1,413,162	9,943	409,117	695,091 2/	269,069 2/	2,796,382
2. Production and movement						
a. Received as direct-consumption sugar	0	8,944	0	0	0	8,944
b. Produced from beets or cane	474,941	0	171,353	0	0)	
Less deliveries to refiners	0	0	166,699	0	0)	479,595 3/
c. Receipts of raws by refiners	0	0	0	404,761 4/	0)	
Less raws melted	0	0	0	590,884	0)	-186,123 5/
d. Refined from raws melted	0	0	0	0	584,000	584,000
e. Adjustments	-116	-38	+2,030	-1,576	+1,206	+1,506
f. Sub-total	474,825	8,906	+6,684	-187,699	585,206	887,922
3. Net total supply	1,887,987	18,849	415,801	507,392	854,275	3,684,304
DISPOSITION						
4. Distribution for						
a. Quota purposes	210,819	8,228	5,443	1,479	589,320	815,289
b. Export	0	0	0	0	4,864	4,864
c. Livestock feed	0	241	0	0	5,787	6,028
d. Alcohol	0	0	0	0	279	279
Sub-total	210,819	8,469	5,443	1,479	600,250	826,460
5. Inventory Jan.31,1970	1,677,168	10,380	410,358	505,913 6/	254,025 6/	2,857,844
6. Total distribution and inventory	1,887,987	18,849	415,801	507,392	854,275	3,684,304

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

2/ Included mainland cane sugar not charged to quotas: Raws, 200,684; Refined, 23,486; Total, 224,170.

3/ Production less deliveries of raw sugar to refiners.

4/ Includes 166,699 tons received from mainland cane processors.

5/ Receipts of raw sugar by refiners less melt.

6/ Refiners' inventories include mainland cane sugar not charged to quota: Raws, 59,596; Refined,12,453; Total,72,049. Importers' inventory include 11 tons for quota exempt purposes.

Table 2.- Distribution of sugar by primary distributors, January 1970 and 1969

Item	1970	1969	Change 1969 to 1970
	Short tons, raw value		
Continental United States			
Refiners' raw	1,479	1,573	-94
Refiners' refined	600,250	556,799	+43,451
Sub-total	601,729	558,372	+43,357
Beet processors' refined	210,819	131,995	+78,824
Importers' direct consumption	8,469	5,922	+2,547
Mainland sugarcane processors'	5,443	8,121	-2,678
Total	826,460	704,410	+122,050
For: Alcohol	279	795	-516
Export	4,864	7,877	-3,013
Livestock feed	6,028	4,080	+1,948
Continental consumption 1/	815,289	691,658	+123,631
Puerto Rico	10,000 2/	9,260	+740
Hawaii	2,389	3,234	-845

1/ Includes deliveries for United States military forces at home and abroad. 2/ Estimated.

Table 3.- Stocks of sugar held by primary distributors in the continental United States, January 31, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
	Short tons, raw value		
Refiners' raw	505,913	686,754	-180,841
Refiners' refined	254,025	247,993	+6,032
Sub-total 1/	759,938	934,747	-174,809
Beet processors' refined	1,677,168	1,756,935	-79,767
Importers' direct consumption	10,380	9,740	+640
Mainland sugarcane processors'	410,358	449,957	-39,599
Total	2,857,844	3,151,379	-293,535

1/ Included mainland cane sugar not charged to quota: 1970 - Raws, 59,596; Refined, 12,453; Total, 72,049; 1969 - Raws, 76,262; Refined, 10,770; Total, 87,032

Table 4.- Distribution of sugar by primary distributors in the continental United States, February and January-February 1970 and 1969

Item	1970 1/		1969	
	February	Jan.-Feb.	February	Jan.-Feb.
	Short tons, raw value			
Refiners	503,098	1,104,827	435,858	994,230
Beet processors' refined	259,394	470,213	176,345	308,340
Importers' direct consumption	9,822	18,291	5,499	11,421
Mainland sugarcane processors'	3,000 2/	8,443	2,037	10,158
Total	775,314	1,601,774	619,739	1,324,149
For: Alcohol	n.a.	279	68	863
Export	n.a.	4,864	4,350	12,227
Livestock feed	n.a.	6,028	3,877	7,957
Continental consumption 3/	775,314	1,590,603	611,444	1,303,102

1/ Preliminary. 2/ Estimated. 3/ Includes deliveries for U.S. military forces at home and abroad.

Table 5.- Stocks of sugar held by primary distributors in the continental United States, February 28, 1970 and 1969

Item	1970 1/	1969	Change 1969 to 1970
	Short tons, raw value		
Refiners' raw	407,819	597,940	-190,121
Refiners' refined	266,570	224,250	+42,320
Sub-total	674,389	822,190	-147,801
Beet processors' refined	1,707,397	1,833,286	-125,889
Importers' direct consumption	10,307	10,663	-356
Mainland sugarcane processors'	400,000 2/	480,220	-80,220
Total	2,792,093	3,146,359	-354,266

1/ Preliminary
2/ Estimated

Table 6- Mainland sugar: Production and quota charges January 1970 and 1969

Item	1970	1969	Change 1969 to 1970
	Short tons, raw value		
Production			
Mainland cane	172,557	174,933	-2,376
Domestic beet	474,825	515,050	-40,225
Total	647,382	689,983	-42,601
Quota charges			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	185,121	229,614	-44,493
For direct-consumption	3,491	4,080	-589
Louisiana processor-refiners	24,229	24,598	-369
Florida sugarcane processors	110,596	130,786	-20,190
Sub-total	323,437	389,078	-65,641
Beet processors	210,819	131,995	+78,824
Total	534,256	521,073	+13,183

Table 7.- Offshore receipts of quota exempt and over-quota sugar included in Table 8.

Purpose	Refiners		Importers		Total	
	1970	1969	1970	1969	1970	1969
	Short tons, raw value					
For export						
Brazil		11,144				11,144
Colombia		4,013				4,013
Guatemala	5,890				5,890	
Honduras	174				174	
Total	6,064	15,157			6,064	15,157
For livestock feed						
Brazil	2,517	1,461			2,517	1,461
France				4,129		4,129
Total	2,517	1,461		4,129	2,517	5,590
For alcohol						
Brazil		5,329				5,329
Colombia		5,722				5,722
Total		11,051				11,051
Held pending availability of quota						
Honduras		502				502
Venezuela		1,558				1,558
Total		2,060				2,060
In Customs custody						
Venezuela		2,263				2,263
Total		2,263				2,263
GRAND TOTAL	8,581	31,992		4,129	8,581	36,121

Table 8.- Sugar receipts of refiners and importers by source of supply[1/] January 1970 and 1969

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
	Short tons, raw value					
OFFSHORE						
Foreign						
Brazil	59,225	83,814			59,225	83,814
Colombia		9,735	8		8	9,735
Dominican Republic	62,622				62,622	
El Salvador		10,536				10,536
France				4,129		4,129
Germany, West			10	10	10	10
Guatemala	5,890				5,890	
Honduras	5,193	502			5,193	502
Hong Kong				9		9
Ireland			1,336		1,336	
Mexico	49,793	51,018		4	49,793	51,022
Netherlands			10		10	
Panama	1,477				1,477	
Peru	20,885	5,091			20,885	5,091
South Africa		12,465				12,465
Sweden			6	10	6	10
Venezuela		8,913				8,913
Total	205,085	182,074	1,370	4,162	206,455	186,236
Domestic						
Hawaii	25,476	14,887	0[2/]	289[2/]	25,476	15,176
Puerto Rico	7,342	0	7,574	0	14,916	0
Virgin Islands	0	0	0	0	0	0
Sub-total	32,818	14,887	7,574	289	40,392	15,176
Total all offshore	237,903	196,961	8,944	4,451	246,847	201,412
Mainland cane area	166,699	177,326	0[3/]	0[3/]	166,699	177,326
Acquired for reprocessing and samples	159	153	0	0	159	153
GRAND TOTAL	404,761	374,440	8,944	4,451	413,705	378,891

1/ Includes sugar as detailed in table 7.

2/ Refined sugar received by refiners.

3/ Refined sugar produced direct from cane by processor - refiner.

Table 9.- Status of 1970 quotas and charges as of February 28, 1970

Source of supply	Quotas and prorations	Charges to quotas 1/			Balances 2/
		Set-aside	By SU-3	Total 2/3/	
	Short tons, raw value				
Domestic beet sugar	3,215,667			470,000	2,745,667
Mainland cane sugar	1,169,333			425,000	744,333
Hawaii	1,150,000			70,886	1,079,114
Puerto Rico	1,140,000			69,054	1,070,946
Virgin Islands	15,000				15,000
Total	6,690,000			1,034,940	5,655,060
Republic of the Philippines	1,126,020	151,560 4/	23,533	175,093	950,927
Argentina	57,118	18,899	8,652	27,551	29,567
Australia	195,865		2,249	2,249	193,616
Bahamas	10,000	2,952	2,257	5,209	4,791
Bolivia	5,528			0	5,528
Brazil	464,316		145,035	145,035	319,281
British Honduras	12,005	5,000	759	5,759	6,246
British West Indies	164,783	18,288	11,313	29,601	135,182
China, Republic of	81,610		3,717	3,717	77,893
Colombia	49,134	9,872	2,176	12,048	37,086
Costa Rica	54,661	7,493	9,970	17,463	37,198
Dominican Republic	464,316	8,798	117,279	126,077	338,239
Ecuador	67,559		10,673	10,673	56,886
El Salvador	33,780	2,110	17,462	19,572	14,208
Fiji Islands	42,981		1,912	1,912	41,069
French West Indies	51,836	11,320		11,320	40,516
Guatemala	46,064		30,707	30,707	15,357
Haiti	25,795	5,000		5,000	20,795
Honduras	5,528		5,427	5,427	101
India	78,346		3,800	3,800	74,546
Ireland	5,351		2,673	2,673	2,678
Malagasy Republic	9,250				9,250
Mauritius	17,955		184	184	17,771
Mexico	474,758	15,706	131,950	147,656	327,102
Nicaragua	54,661	5,928	2,163	8,091	46,570
Panama	34,394		5,760	5,760	28,634
Peru	370,348	25,421	61,325	86,746	283,602
South Africa	57,671		55,408	55,408	2,263
Swaziland	7,073		348	348	6,725
Thailand	17,955				17,955
Venezuela	23,339		7,788	7,788	15,551
Total foreign	4,110,000	288,347	664,520	952,867	3,157,133
Grand total	10,800,000			1,987,807	8,812,193

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances; Hawaii, 0 and 36,936; Panama, 0 and 3,817; Philippines, 0 and 59,920; Puerto Rico, 17,781 and 144,219; Ireland, 2,673 and 2,678.

3/ Includes raw sugar for direct consumption: Hawaii, 0; Puerto Rico, 0.

4/ Represents quantity reserved for importation during the first quarter.

Table 10.- Quota-exempt and over quota sugar authorized for entry as of February 28, 1970 1/

Country	Reexport	Feed	Alcohol	For refining under bond	Total
	Short tons, raw value				
Brazil	120	2,517			2,637
Guatemala	5,890				5,890
Honduras	174				174
South Africa		9,408			9,408
Total	6,184	11,925			18,109

1/ In addition: (a) Under provisions of Sec. 212, 32 tons were entered as liquid sugar in small containers; 60 tons as the first ten tons;
(b) Raw sugar was brought in for refining and return to: Hawaii, 332 tons; Puerto Rico, 0 tons;
(c) Tons of sugar in Customs custody for subsequent entry: Hong Kong, 37; Reunion, 7,533.

Table 11. - Primary distribution of sugar, continental United States, by States, January 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct-consumption sugar	Mainland cane sugar mills	Total
	Hundredweights 1/				
New England					
Connecticut	110,075	5,471	2,011	200	117,757
Maine	42,108	4,051	806		46,965
Massachusetts	416,572	35,891	1,201	300	453,964
New Hampshire	29,073	449	403		29,925
Rhode Island	33,604	6,993			40,597
Vermont	15,170	2,915			18,085
Sub-total	646,602	55,770	4,421	500	707,293
Mid-Atlantic					
New Jersey	689,217	4,938	48,699	300	743,154
New York	1,233,479	86,273	40,836		1,360,588
Pennsylvania	990,132	43,466	32,591		1,066,189
Sub-total	2,912,828	134,677	122,126	300	3,169,931
North Central					
Illinois	594,424	630,654	400	41,500	1,266,978
Indiana	330,208	123,150			453,358
Iowa	50,844	145,099			195,943
Kansas	43,727	77,466		800	121,993
Michigan	286,678	314,524			601,202
Minnesota	28,270	191,739			220,009
Missouri	248,550	138,349		1,480	388,379
Nebraska	16,301	147,599			163,900
North Dakota	693	34,986			35,679
Ohio	579,122	302,159		1,000	882,281
South Dakota	1,272	26,048			27,320
Wisconsin	105,209	162,763			267,972
Sub-total	2,285,298	2,294,536	400	44,780	4,625,014
Southern					
Alabama	195,298			804	196,102
Arkansas	105,938	13,969			119,907
Delaware	183,949		180		184,129
District of Columbia	33,681		100		33,781
Florida	392,683			36,498	429,181
Georgia	530,321			3,000	533,321
Kentucky	195,779				195,779
Louisiana	314,789			10,381	325,170
Maryland	380,492		23,648		404,140
Mississippi	115,080			70	115,150
North Carolina	353,224		1,236		354,460
Oklahoma	113,912	29,046			142,958
South Carolina	183,676				183,676
Tennessee	323,468				323,468
Texas	607,476	150,134		6,974	764,584
Virginia	261,059		1,003		262,062
West Virginia	75,191	3,060			78,251
Sub-total	4,366,016	196,209	26,167	57,727	4,646,119
Western					
Alaska	1,922	2,500			4,422
Arizona	40,741	29,089			69,830
California	678,081	760,413			1,438,494
Colorado	25,448	109,140			134,588
Idaho	4,038	24,342			28,380
Montana	3,199	24,700			27,899
Nevada	10,301	2,255			12,556
New Mexico	8,862	14,680			23,542
Oregon	61,794	96,176			157,970
Utah	9,825	49,543			59,368
Washington	58,277	140,656			198,933
Wyoming	1,202	5,860			7,062
Sub-total	903,690	1,259,354			2,163,044
Grand total	11,114,434	3,940,546	153,114	103,307	15,311,401

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12.- Primary distribution of sugar, continental United States, by states, January 1970 and 1969

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors 1/	
	1970	1969	1970	1969	1970	1969
	Thousands of hundredweights 2/					
New England						
Connecticut	110	100	5	1	117	103
Maine	42	43	4		47	43
Massachusetts	417	412	36	7	454	421
New Hampshire	29	26	1		30	26
Rhode Island	34	40	7		41	40
Vermont	15	27	3		18	27
Sub-total	647	648	56	8	707	660
Mid-Atlantic						
New Jersey	689	755	5	59	743	833
New York	1,234	1,259	86	127	1,361	1,431
Pennsylvania	990	907	44	244	1,066	1,177
Sub-total	2,913	2,921	135	430	3,170	3,441
North Central						
Illinois	595	597	631	351	1,267	1,003
Indiana	330	328	123	51	453	379
Iowa	51	47	145	74	196	121
Kansas	43	38	78	53	122	91
Michigan	287	236	314	154	601	390
Minnesota	28	31	192	127	220	159
Missouri	249	186	138	71	389	258
Nebraska	16	14	148	87	164	102
North Dakota	1		35	17	36	17
Ohio	579	513	302	145	882	658
South Dakota	1	1	26	14	27	15
Wisconsin	105	107	163	107	268	214
Sub-total	2,285	2,098	2,295	1,251	4,625	3,407
Southern						
Alabama	195	202			196	202
Arkansas	106	92	14	5	120	97
Delaware	184	141		12	184	153
District of Columbia	34	31			34	31
Florida	393	280			429	355
Georgia	530	504			533	507
Kentucky	196	185		3	196	188
Louisiana	315	279			325	290
Maryland	380	367		19	404	393
Mississippi	115	119			115	119
North Carolina	353	300			355	300
Oklahoma	114	81	29	20	143	101
South Carolina	184	107			184	107
Tennessee	323	296			323	296
Texas	608	507	150	112	765	624
Virginia	261	273		1	262	276
West Virginia	75	63	3		78	64
Sub-total	4,366	3,827	196	172	4,646	4,103
Western						
Alaska	2	2	2	2	4	4
Arizona	41	26	29	9	70	35
California	678	623	760	281	1,438	905
Colorado	26	18	109	60	135	78
Idaho	4	3	24	17	28	20
Montana	3	4	25	15	28	19
Nevada	10	7	2	2	12	10
New Mexico	9	5	15	11	24	16
Oregon	62	45	96	48	158	93
Utah	10	6	50	70	60	76
Washington	58	49	141	86	199	135
Wyoming	1	2	6	5	7	7
Sub-total	904	790	1,259	606	2,163	1,398
Grand total	11,115	10,284	3,941	2,467	15,311	13,009

1/ Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.
2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13.- Sugar deliveries, by type of product or business of buyer and by type of sugar, fourth quarter 1969

Product or business of buyer	Beet (total)	Cane (total)	Imported D.C. (total)	Total all sugar	Liquid sugar included in totals	
					Beet	Cane
	Hundredweights					
Industrial						
Bakery, cereal and allied products	2,809,179	4,230,701	46,179	7,086,059	114,297	666,714
Confectionery and related products	2,292,278	3,329,248	49,546	5,671,072	68,526	807,545
Ice cream and dairy products	1,020,670	1,287,566	7,014	2,315,250	388,775	965,982
Beverages	2,670,242	7,251,655	5,305	9,927,202	1,030,913	5,373,290
Canned, bottled, frozen foods, jams, jellies and preserves	1,347,954	2,141,587	42,940	3,532,481	257,691	1,149,736
Multiple and all other food uses	976,683	1,459,705	22,369	2,458,757	23,107	260,979
Non-food products	70,414	339,128	8,516	418,058	1,361	126,089
Sub-total	11,187,420	20,039,590	181,869	31,408,879	1,884,670	9,350,335
Non-industrial						
Hotels, restaurants, institutions	20,735	403,035	6,390	430,160	4,442	31,347
Wholesale grocers, jobbers, sugar dealers	3,075,010	7,074,539	196,969	10,346,518	48,189	71,021
Retail grocers, chain stores, super markets	1,108,537	4,878,664	344,298	6,331,499	16,842	41,216
All other deliveries, including deliveries to Government agencies	80,487	295,712	6	376,205	3,079	24,483
Sub-total	4,284,769	12,651,950	547,663	17,484,382	72,552	168,067
TOTAL DELIVERIES	15,472,189	32,691,540	729,532	48,893,261	1,957,222	9,518,402
Deliveries in consumer-size packages (less than 50 lbs.)	2,303,115	9,723,819	316,358	12,343,292		
Deliveries in bulk (unpackaged)	6,740,760	6,457,377	0	13,198,137		

1/ Represents approximately 98.8 percent of deliveries by primary distributors in continental United States.

Table 14- Sugar deliveries, by type of product or business of buyer, fourth quarter 1969 and percentage change from fourth quarter 1968

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
	Hundredweights 1/					
Industrial						
Bakery, cereal and allied products	7,086,059	204,515	1,397,701	3,109,102	1,570,799	803,942
Confectionery and related products	5,671,072	340,240	2,042,574	2,110,051	452,508	725,699
Ice cream and dairy products	2,315,250	113,442	352,836	818,792	569,663	460,517
Beverages	9,927,202	299,708	1,771,471	2,867,144	3,587,190	1,401,689
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	3,532,481	128,405	934,868	967,807	745,881	755,520
Multiple and all other food uses	2,458,757	96,627	228,401	1,299,991	267,168	566,570
Non-food products	418,058	5,735	98,197	168,159	141,981	3,986
Sub-total	31,408,879	1,188,672	6,826,048	11,341,046	7,335,190	4,717,923
Non-industrial						
Hotels, restaurants, institutions	430,160	18,617	69,894	56,928	134,681	150,040
Wholesale grocers, jobbers, sugar dealers	10,346,518	465,928	1,552,053	3,686,204	3,156,951	1,485,382
Retail grocers, chain stores, super markets	6,331,499	303,275	1,447,283	1,765,888	2,121,398	693,655
All other deliveries, including deliveries to Government agencies	376,205	2,054	43,485	47,570	193,233	89,863
Sub-total	17,484,382	789,874	3,112,715	5,556,590	5,606,263	2,418,940
TOTAL DELIVERIES	48,893,261	1,978,546	9,938,763	16,897,636	12,941,453	7,136,863
	Percentage change from fourth quarter 1968					
Industrial						
Bakery, cereal and allied products	-6.8	+1.9	-4.5	-10.5	-0.4	-9.6
Confectionery and related products	-10.3	-10.0	-5.2	-21.9	+0.6	+13.2
Ice cream and dairy products	+0.9	+0.6	-5.4	+3.0	-2.6	+7.1
Beverages	+1.1	+14.3	+7.1	-3.5	+4.7	-7.1
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	-6.5	-11.6	+3.5	-8.2	-2.0	-17.5
Multiple and all other food uses	-16.0	+3.6	-25.2	-10.9	-26.1	-20.0
Non-food products	-3.0	-40.1	-12.2	+21.6	-13.2	-46.8
Sub-total	-5.3	-1.1	-2.0	-9.9	-1.0	-7.5
Non-industrial						
Hotels, restaurants, institutions	+0.2	-12.1	-3.1	-11.1	+7.3	+2.4
Wholesale grocers, jobbers, sugar dealers	-9.3	-9.7	-7.4	-11.9	-4.4	-13.9
Retail grocers, chain stores, super markets	-1.1	-0.4	+6.8	-5.2	-1.4	-4.6
All other deliveries, including deliveries to Government agencies	-29.0	-76.6	-38.2	-49.5	-6.8	-39.7
Sub-total	-6.8	-7.1	-1.9	-10.4	-3.1	-12.0
TOTAL	-5.9	-3.6	-2.0	-10.1	-1.3	-9.1

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 15.- Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) fourth quarter and calendar year 1969

Area	Fourth quarter			Calendar year		
	Cane sugar	Beet sugar	Total	Cane sugar	Beet sugar	Total
	Hundredweights 1/					
United States	10,040,177	2,303,115	12,343,292	40,603,744	8,514,839	49,118,583
New England	570,130	0	570,130	2,215,348	3,769	2,219,117
Middle Atlantic	1,999,692	16,272	2,015,964	7,705,027	51,816	7,756,843
North Central and West, combined 2/	3,128,167	2,229,668	5,357,835	12,167,029	8,245,873	20,412,902
South	4,342,188	57,175	4,399,363	18,516,340	213,381	18,729,721

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

2/ Combined to avoid disclosure of individual company data. Total reported distribution in consumer-size packages in these areas; fourth quarter, North Central,3,461,395; West, 1,896,440; Calendar year, North Central, 13,235,547; West, 7,177,355.

Table 16- Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during calendar years 1969 and 1968 with comparisons

Calendar year	Region					U.S. total	Type of sugar	
	New England	Middle Atlantic	South	North Central	West		Beet	Cane
	1,000 hundredweights 1/							
(1) Total direct deliveries								
1969	8,226	39,338 2/	54,829	64,197 2/	31,083 2/	197,673 2/	60,105 2/	137,568
1968	8,159	39,963 2/	54,652	67,285 2/	32,040 2/	202,099 2/	57,669 2/	144,430
Change	+67	-625	+177	-3,088	-957	-4,426	+2,436	-6,862
(2) Consumer-size packages (granulated less than 50 lbs.)								
1969	2,219	7,757	18,730	13,236 2/	7,177 2/	49,119 2/	8,515 2/	40,604
1968	2,276	7,864	19,649	14,379 2/	7,072 2/	51,240 2/	9,047 2/	42,193
Change	- 57	-107	-919	-1,143	+105	-2,121	-532	-1,589
(3) Other deliveries, industrial and institutional								
1969	6,007	31,581 2/	36,099	50,961 2/	23,906 2/	148,554 2/	51,590 2/	96,964
1968	5,883	32,099 2/	35,003	52,906 2/	24,968 2/	150,859 2/	48,622 2/	102,237
Change	+124	-518	+1,096	-1,945	-1,062	-2,305	+2,968	-5,273
(3a) Bulk granulated								
1969	917	9,074	10,884 2/	23,198 2/	8,014 2/	52,087 2/	25,421 2/	26,666
1968	962	9,780	10,466 2/	22,248 2/	8,598 2/	52,054 2/	21,713 2/	30,341
Change	-45	-706	+418	+950	-584	+33	+3,708	-3,675
(3b) Liquid sugar								
1969	2,983	12,892	13,445 2/	12,536 2/	10,088 2/	51,944	10,549	41,395
1968	2,806	12,821	12,282 2/	11,820	9,979 2/	49,708	9,589	40,119
Change	+177	+71	+1,163	+716	+109	+2,236	+960	+1,276
(3c) Industrial and institutional packages (granulated 50 lbs. and over)								
1969	2,107	9,615 2/	11,770 2/	15,227 2/	5,804 2/	44,523 2/	15,620 2/	28,903
1968	2,115	9,498 2/	12,255 2/	18,838 2/	6,391 2/	49,097 2/	17,320 2/	31,777
Change	-8	+117	-485	-3,611	-587	-4,574	-1,700	-2,874

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

2/ Revised

Table 17.- Sugar deliveries, by type of product or business of buyer and by type of sugar, calendar year 1969 1/

Product or business of buyer	Beet (total)	Cane (total)	Imported D.C. (total)	Total all sugar	Liquid sugar included in totals	
					Beet	Cane
	Hundredweights 2/					
Industrial						
Bakery, cereal and allied products	10,060,560	16,483,370	336,028	26,879,958	398,905	2,703,219
Confectionery and related products	7,710,846	12,847,380	186,026	20,744,252	273,884	3,162,628
Ice cream and dairy products	4,114,265	6,380,436	63,000	10,557,701	1,775,987	4,821,684
Beverages	10,090,799	31,826,824	63,455	41,981,078	4,574,107	22,891,294
Canned, bottled, frozen foods, jams, jellies and preserves	8,572,283	9,563,772	187,969	18,324,024	2,951,827	5,296,135
Multiple and all other food uses	3,004,001	5,725,288	101,656	8,830,945	98,300	1,281,862
Non-food products	234,135	1,173,587	34,729	1,442,451	13,279	477,323
Sub-total	43,786,889	84,000,657	972,863	128,760,409	10,086,289	40,634,145
Non-industrial						
Hotels, restaurants, institutions	101,567	1,719,687	24,874	1,846,128	17,996	163,172
Wholesale grocers, jobbers, sugar dealers	11,688,677	28,801,998	734,807	41,225,482	306,948	305,463
Retail grocers, chain stores, super markets	3,954,744	18,926,467	982,862	23,864,073	85,649	223,729
All other deliveries, including deliveries to Government agencies	573,718	1,402,983	487	1,977,188	52,156	68,422
Sub-total	16,318,706	50,851,135	1,743,030	68,912,871	462,749	760,786
TOTAL DELIVERIES	60,105,595	134,851,792	2,715,893	197,673,280	10,549,038	41,394,931
Deliveries in consumer-size packages (less than 50 lbs.)	8,514,839	39,601,929	1,001,815	49,118,583		
Deliveries in bulk (unpackaged)	25,421,020	26,665,050	585	52,086,655		

1/ Represents approximately 98.7 percent of deliveries by primary distributors in continental United States.

2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19 Sugar deliveries, by type of product or business of buyer, calendar year 1969 and percentage change from calendar year 1968

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
		Hundredweights 1/				
Industrial						
Bakery, cereal and allied products	26,879,958	800,861	5,557,363	11,439,334	6,150,400	2,932,000
Confectionery and related products	20,744,252	1,348,909	7,848,943	7,596,000	1,678,955	2,271,445
Ice cream and dairy products	10,557,701	556,874	1,789,648	3,713,527	2,739,341	1,758,311
Beverages	41,981,078	1,333,625	7,568,226	11,364,867	15,883,007	5,831,353
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	18,324,024	543,388	3,401,950	4,548,804	3,188,552	6,641,330
Multiple and all other food uses	8,830,945	412,692	961,782	4,157,378	1,113,509	2,185,584
Non-food products	1,442,451	28,900	366,487	506,958	521,052	19,054
Sub-total	128,760,409	5,025,249	27,494,399	43,326,868	31,274,816	21,639,077
Non-industrial						
Hotels, restaurants, institutions	1,846,128	113,890	294,827	271,375	569,409	596,627
Wholesale grocers, jobbers, sugar dealers	41,225,482	1,902,047	6,065,125	13,946,205	13,494,204	5,817,901
Retail grocers, chain stores, super markets	23,864,073	1,160,837	5,152,365	6,296,978	8,692,926	2,560,967
All other deliveries, including deliveries to Government agencies	1,977,188	23,863	331,252	355,246	797,792	469,035
Sub-total	68,912,871	3,200,637	11,843,569	20,869,804	23,554,331	9,444,530
TOTAL DELIVERIES	197,673,280	8,225,886	39,337,968	64,196,672	54,829,147	31,083,607
		Percentage change from calendar year 1968				
Industrial						
Bakery, cereal and allied products	-3.7	-0.8	-2.1	-6.5	-0.4	-3.1
Confectionery and related products	-4.4	-4.1	-4.7	-8.7	-2.1	+12.3
Ice cream and dairy products	+2.5	+4.0	-9.3	+7.5	+0.6	+8.9
Beverages	+3.7	+11.8	+6.0	-1.6	+7.2	+0.6
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	-0.8	+3.9	+1.6	-5.7	+3.0	-0.6
Multiple and all other food uses	-6.2	+11.6	-9.6	+2.5	-17.4	-15.2
Non-food products	+0.5	-20.7	-4.0	+16.9	-2.5	-61.1
Sub-total	-0.8	+3.2	-1.2	-3.5	+2.9	-0.6
Non-industrial						
Hotels, restaurants, institutions	+7.9	+6.2	+0.4	+10.6	+20.7	+0.5
Wholesale grocers, jobbers, sugar dealers	-6.6	-7.2	-7.1	-6.4	-5.9	-7.8
Retail grocers, chain stores, super markets	-2.5	+5.8	+1.9	-9.8	+0.6	-5.5
All other deliveries, including deliveries to Government agencies	-2.8	-26.5	+24.8	+24.3	+0.7	-28.7
Sub-total	-4.8	-2.6	-2.4	-6.9	-2.8	-8.1
TOTAL	-2.2	+0.8	-1.6	-4.6	+0.3	-3.0

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19- Dextrose sales, by type of product or business of buyer, fourth quarter 1969 and percentage change from fourth quarter 1968

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
	Hundredweights[1/]					
Industrial						
Bakery, cereal and allied products	1,107,755	50,151	213,191	400,885	272,762	170,766
Confectionery and related products	176,221	165	74,864	90,752	3,209	7,231
Ice cream and dairy products	27,396	1,315	10,767	9,519	3,415	2,380
Beverages	196,908	4,330	107,107	47,741	25,142	12,588
Canned, bottled, frozen foods, jams, jellies preserves, etc.	167,871	7,972	44,184	58,024	35,223	22,468
Multiple and all other food uses	223,750	4,620	45,936	85,722	43,073	44,399
Non-food products	474,905	183,292	124,212	89,280	69,495	8,626
Sub-total	2,374,806	251,845	620,261	781,923	452,319	268,458
Non-industrial[2/]	73,966	1,060	4,015	36,275	3,629	28,987
TOTAL SALES	2,448,772	252,905	624,276	818,198	455,948	297,445
	Percentage change from fourth quarter 1968					
Industrial						
Bakery, cereal and allied products	-1.0	-8.8	-1.4	+2.3	-4.0	-0.7
Confectionery and related products	-5.5	-17.5	-21.5	+18.8	+15.1	-38.0
Ice cream and dairy products	-3.1	-45.7	+15.4	-4.6	-18.8	+2.5
Beverages	-5.0	+4.1	+3.2	-0.9	-20.1	-35.9
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-0.1	+3.7	+20.9	+53.2	-22.8	-44.2
Multiple and all other food uses	-5.0	+130.3	-17.0	-24.5	+18.0	+58.0
Non-food products	+5.9	+22.0	+14.7	-3.3	-13.6	-49.7
Sub-total	-0.8	+13.6	-0.8	+1.5	-6.8	-7.8
Non-industrial	-23.5	-62.7	-0.6	-12.9	-56.3	-27.2
TOTAL	-1.6	+12.6	-0.8	+0.8	-7.6	-10.1

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

2/ Principally deliveries to wholesalers and retailers but also includes miscellaneous non-industrial deliveries as follows: New England, 49; Middle Atlantic, 1,198; North Central, 4,134; South, 1,103; West, 1,180; Total 7,664

Table 20- Dextrose sales, by type of product or business of buyer, calendar year 1969 and percentage change from calendar year 1968

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
	Hundredweights 1/					
Industrial						
Bakery, cereal and allied products	4,443,557	208,733	830,589	1,623,820	1,115,110	665,305
Confectionery and related products	763,724	1,821	352,971	355,530	14,150	39,252
Ice cream and dairy products	127,110	6,324	45,007	41,512	25,007	9,260
Beverages	900,500	19,634	410,143	246,083	166,858	57,782
Canned, bottled, frozen foods, jams, jellies preserves, etc.	735,299	31,285	191,366	271,762	134,538	106,348
Multiple and all other food uses	988,106	11,107	164,478	352,477	120,533	339,511
Non-food products	1,735,699	554,869	427,670	384,331	326,408	42,421
Sub-total	9,693,995	833,773	2,422,224	3,275,515	1,902,604	1,259,879
Non-industrial 2/	341,769	6,072	15,096	144,975	13,613	162,013
TOTAL SALES	10,035,764	839,845	2,437,320	3,420,490	1,916,217	1,421,892
	Percentage change from calendar year 1968					
Industrial						
Bakery, cereal and allied products	-1.4	-12.4	-5.1	+1.9	-0.7	-1.8
Confectionery and related products	-16.5	-5.5	-18.6	-14.9	-43.1	+7.7
Ice cream and dairy products	*	-30.5	+24.3	-10.5	+21.0	-37.1
Beverages	+4.8	+4.8	+4.8	-3.5	+31.3	-14.1
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-0.5	+18.0	+27.9	+9.2	-27.1	-17.7
Multiple and all other food uses	+4.5	-5.4	-12.5	-0.3	-3.5	+26.8
Non-food products	+5.4	+14.3	+5.1	-5.2	+11.1	-22.0
Sub-total	-0.5	+5.3	-2.4	-1.4	+0.2	+1.0
Non-industrial	-11.3	-28.3	-21.5	-24.9	-41.4	+14.7
TOTAL	-0.9	+5.0	-2.5	-2.7	-0.3	+2.4

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as wekk as snakk qyabtutues ysed ub nuscekkabeiys nuxes,

2/ Principally deliveries to wholesalers and retailers but also includes miscellaneous non-industrial deliveries as follows: New England, 319; Middle Atlantic, 6,345; North Central, 9,001; South, 3,728; West, 7,453; Total, 26,846.

* Less than 0.05 percent.

Table 21.- Sugar prices

Period	Raw cane sugar-spot price: Domestic sugar at NY, duty paid 1/	Raw cane sugar-spot price: "World" sugar 2/	Quota premium and discount 3/	Refined beet sugar-quoted wholesale (gross) 4/: Eastern	Chicago-West	Pacific Coast
	Cents per pound					
1965-69 Monthly average	7.26	2.26	+4.03	9.69	9.69	9.88
1968 Monthly average	7.52	1.98	+4.56	9.94	9.94	10.35
1969 Monthly average	7.75	3.37	+3.38	10.23	10.23	10.14
1969						
March	7.76	3.70	+3.06	9.85	9.85	10.10
April	7.80	3.76	+3.04	10.10	10.10	10.10
May	7.82	3.78	+3.04	10.50	10.50	10.10
June	7.74	3.95	+2.79	10.49	10.49	10.10
July	7.50	3.72	+2.78	10.35	10.35	10.25
August	7.75	3.18	+3.57	10.35	10.35	10.25
September	7.83	3.10	+3.73	10.35	10.35	10.25
October	7.89	3.12	+3.77	10.35	10.35	10.25
November	7.79	3.08	+3.71	10.35	10.35	10.16
December	7.73	2.86	+3.87	10.35	10.35	9.81
1970						
January	8.11	3.12	+3.91	10.50	10.50	10.38
February	7.96	3.23	+3.61	10.58	10.58	10.50
Last 12-month average	7.81	3.38	+3.41	10.34	10.34	10.19

Year and month	Refined cane sugar - quoted wholesale (gross) 4/: North East	South East	Gulf	Chicago-West	Pacific Coast	Retail U.S. average
	Cents per pound					
1965-68 Monthly average	10.70	10.24	10.10	9.80	9.88	12.12
1968 Monthly average	10.84	10.59	10.45	9.94	10.35	12.18
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40
1969						
March	11.05	10.75	10.25	9.85	10.10	12.28
April	11.29	10.85	10.27	10.10	10.10	12.30
May	11.50	10.85	10.50	10.50	10.10	12.38
June	11.50	10.85	10.50	10.49	10.10	12.44
July	11.60	10.85	10.50	10.35	10.25	12.50
August	11.60	10.85	10.50	10.35	10.25	12.52
September	11.60	10.86	10.50	10.35	10.25	12.52
October	11.70	11.00	10.65	10.35	10.25	12.50
November	11.70	11.00	10.65	10.35	10.16	12.48
December	11.70	11.00	10.65	10.35	9.81	12.48
1970						
January	11.70	11.06	10.80	10.50	10.38	12.54
February	11.70	11.20	10.87	10.58	10.50	12.58
Last 12-month average	11.55	10.93	10.55	10.34	10.19	12.46

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81 January 1959 pages 5 to 9.

Table 22- Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale Northeast 1/	Dextrose New York 2/		Corn sirup New York 3/		Dextrose relative to refined sugar		Corn sirup relative to refined sugar	
		Quoted	Dry basis 4/	Quoted	Dry basis 4/	Quoted	Dry basis	Quoted	Dry basis
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
1969									
March	11.05	8.73	9.49	6.18	7.70	79	86	56	70
April	11.29	8.77	9.53	6.18	7.70	78	84	55	68
May	11.50	8.96	9.74	6.18	7.70	78	85	54	67
June	11.50	9.09	9.88	6.18	7.70	79	86	54	67
July	11.60	9.09	9.88	6.18	7.70	78	85	53	66
August	11.60	9.09	9.88	6.18	7.70	78	85	53	66
September	11.60	9.15	9.95	6.39	7.96	79	86	55	69
October	11.70	9.16	9.96	6.43	8.01	78	85	55	68
November	11.70	9.16	9.96	6.43	8.01	78	85	55	68
December	11.70	9.16	9.96	6.43	8.01	78	85	55	68
1970									
January	11.70	9.16	9.96	6.45	8.03	78	85	55	69
February	11.70	9.17	9.97	6.50	8.09	78	85	56	69
Last 12-month average	11.55	9.06	9.85	6.31	7.86	78	85	55	68

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964 price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 23-Refined sugar production and month end stocks

Year and month	Production		Month-end stocks 1/	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
	1,000 short tons, raw value			
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
1969				
March	646	51	251	1,613
April	587	116	277	1,486
May	660	137	291	1,355
June	657	96	292	1,150
July	701	78	307	917
August	698	95	307	669
September	696	153	278	489
October	643	562	298	769
November	551	623	297	1,156
December	574	567	269	1,413
1970				
January	585 2/	475	254	1,677
February 3/	516	290	267	1,707
Last 12-month average	634	270	282	1,200

1/ Includes over-quota and quota exempt.

2/ Revised

3/ Preliminary

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